

FUCHS, Vladimir; JIRA, Jindrich; BOZDECH, Vaclav; JIROVEC, Otto, prof. dr.

The importance and the interpretation of diagnostic tests for  
toxoplasmosis in obstetrics. Acta parasit. Pol. 11 no.5/13:  
85-104 '63

1. Parasitological Department, Faculty of Natural Sciences,  
Charles University, Prague. Head. Prof . Dr. Otto Jirovec.

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FUCHS, V.; HOUBEK, J.; PETER, R.; SCHOLZOVA, D.

Suspension of the vaginal stump on lengthened round ligaments.  
Cesk. gynek. 29 no.5:333-335 Je'64

1. Gyn.-por. klinika fakulty detskeho lek. KU [Karlovy university] v Praze; prednosta: prof. dr. R. Peter, DrSc.

PETER, R.; FUCHS, V.; HOUDEK, J.; SCHOLZOVA, D.

Treatment of urinary incontinence with a transverse urethral  
roll. Cesk. gynek. 29 no.5:370-371 Je'64

FUCHS, W. - Paliva - Vol. 35, no. 2, Feb. 1955.

Important practical problems of coal research. p. 59.

SO: Monthly list of East European Accessions, (KEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

FUCHS, Zbigniew (Warszawa)

Consumption of gypsum, a serious problem. Przegl budowl i  
bud mieszk 35 no.10:540-541 0'63.

FUCHS, Zdzislaw

Interpretation of provisions of Art. 46 para. 2 of the Statute  
on Universal Retirement Pensions for Employees. Praca zabezp  
spol 4 no.12:25-27 D '62.

FUCHS, Zdzislaw

For better proceedings in cases of extraordinary pensions.  
Praca zabazp spol 7 no.1:14-16 Ja '65.

1. Social Security Bureau, Warsaw Office.

FUCHS, Zdzislaw ,

For more selective collections of pension files. Praca zabezp  
spol 7 no.4:20 Ap '65.

1. Warsaw Office of the Social Security Bureau.



FUCHSBERGER, R. CZECHOSLOVAKIA/Human and Animal Physiology - Blood. General Problem.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12583  
Author : Fuchsberger, R.  
Inst : ~~...~~  
Title : Blood Test for Pseudo-Agglutination  
Orig Pub : Lekar. obzor, 1957, 6, No 2, 109-115

Abstract : The Bolen test for pseudo-agglutination is described:  
3 - 4 drops of blood were placed on a clean slide at  
an angle of 30 degrees, and classification was made  
according to the clumps which were formed. I - III de-  
grees, negative; agglutinates were in the form of a  
network with openings of various sizes. III - V de-  
grees positive; individual aggregates were observed  
which were not connected to each other. This was ob-  
served in inflammatory diseases, neoplasms, and states  
accompanied by tissue breakdown.

Card 1/1

BENDA, R.; DANES, L.; FUCHSOVA, M.

The effect of Cortisone on the course of tick-borne encephalitis infection in cynomolgus monkeys. Acta virol. 4 no.3:160-164 My '60.

1. J.M.Purkyne Military Institute of Medical research and Post-graduate Training, Chair of Epidemiology, Hradec Kralove, and the Central Military Hospital, Department of Pathology and Anatomy, Prague.

(ENCEPHALITIS, EPIDEMIC, experimental)

(CORTISONE, pharmacology)

BENDA, Rudolf; DANES, Ludek; FUCHSOVA, Mirja

Sensitivity of monkeys Mac. cynomolgus and Mac rhesus to tick encephalitis virus. Cesk.epidem.mikrob.imun. 9 no.1:1-11 Ja '60.

1. Katedra epidemiologie Vojenskeho lekarskeho vyzkumneho a doskolovaciho ustavu J. Ev. Purkyne. Patologickoanatomicke oddeleni Ustredni vojenske nemocnice v Praze.  
(ENCEPHALITIS EPIDEMIC exper.)

FUCHSOVA, Mirja; SOUREK, Karel; VORREITH, Milos

Bioptic diagnosis of glioma. Cesk.neur.23 no.6:379-384 0'60.

1. Patologickoanatomicke oddeleni Ustredni vojenske nemocnice,  
nacelnik pplk. MUDr. M. Vorreith. Neurochirurgicka klinika  
Karlovy university, prednosta gen.prof. MUDr. Z.Kunc.  
(GLIOMA diagn)

FUCHSOVA, Mirja; KODICEK, Arnold

Metastatic struma ovarii. Cas.lek.cesk. 99 no.14:426-429 1 Ap '60.

1. Patologickoanatomicke oddeleni, nacelnik podplukovnik MUDr.  
Milos Vorreith a porodnickogynekologicke oddeleni, nacelnik  
plukovnik MUDr. Arnold Kodicek - Ustredni vojenska nemocnice.  
(TERATOID TUMOR case reports)  
(OVARY neopl.)

VORREITH, Milos; FUCHSOVA, Mirja

New data on classification of tumors of the CNS. Cesk. neur. 24 no.5:  
344-350 S '61.

1. Patologicko anatomicke oddeleni Ustredni vojenske nemocnice,  
nacelnik podplukovnik MUDr. Milos Vorreith.

(CENTRAL NERVOUS SYSTEM neoplasms)  
(NOMENCLATURE)

BENDA, R.; FUCHSOVA, M.; DANES, L.

Experimental air-borne infection of monkeys with tick-borne encephalitis. Acta virol. (Praha)[Eng]6 no.1:46-52 Ja '62.

1. Chair of Epidemiology, J. E. Purkyne Military Medical Research and Post-Graduate Institute, Praha, and Department of Morbid Anatomy, Central Military Hospital, Praha.

(ENCEPHALITIS EPIDEMIC exper)

METELKA, M.; SKALA, E.; FUCHSOVA, M.

Pasting of severing peripheral nerves with plasma coagulum. Rozhl.  
chir. 41 no.12;802-809 D '62.

1. Neurochirurgická klinika fak. všeob. lek. University Karlovy v  
Praze, přednosta prof. dr. Z. Kunc Transfúzní oddělení UVN v Praze,  
přednosta MUDr. E. Skala Patologickoanatomické oddělení UVN v Praze,  
přednosta MUDr. M. Vorreith.

(PERIPHERAL NERVE DISEASES) (PLASMA)



VORSETH, A., MD, Candidate of Sciences, ~~FOCUS, A., FOCUS, I.,~~  
SOUREK, K., PRYK, O., Department of Pathological Anatomy (patologicko-  
anatomicke oddeleni), UVN [Ústřední vojenská nemocnice; Central Mi-  
litary Hospital], Prague, M. VORSETH, MD, commander; and Clinic of  
Neurosurgery (Neurochirurgická klinika), Faculty of General Medicine  
(Fakulta všeobecného lékařství), Charles University, Prague, Prof. Dr  
Z. KUNC, Dr of Sciences, director [except for M. VORSETH, affiliations  
cannot be determined].

"Evaluation of the Biological Characteristics and the Prognosis of  
Gliomas."

Prague, Ceskoslovenska neurologie, Vol XXVI(LIX), No 5, September 1963,  
pp 311-316.

Abstract [Authors' English summary]: Tables and graphs are presented to  
show the survival period in cases of glioma and medulloblastoma. Tumors  
are classified according to previously published criteria. Individual  
types of glioma have a characteristic degree of malignancy, and despite  
difficulties it is possible to assess the prognosis with a fair degree of  
reliability. It is felt that the longer average survival period in  
malignant brain tumors is due in the first place to the improved  
surgical technique. Four Czech references.

CZECHOSLOVAKIA

SERY, V; JEZEK, Z; SVANDOVA E; FUCHSOVA, M; GALLIOVA, J; CHYTROVA, K.

1. Institute of Epidemiology and Microbiology (Ustav epidemiologie a mikrobiologie), Prague; 2. Tuberculosis Ward OUNZ (Tuberkulozni oddeleni OUNZ), ~~Lit~~ Litomerici;
3. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy), Prague (for all)

Prague, ~~Rozhledy~~ Rozhledy v tuberkulose, no 5, 1963, pp 324-332

"The Utilization of the Tuberculosis Test for Studies on the Incidence of Mycobacterium bovis."

SERY, V.; JEZEK, Z.; SVANDOVA, E.; FUCHSOVA, M.; HEBELKA, M.

Use of tuberculin tests in the study of *Mycobacterium bovis*.  
II. Analysis of allergy to tuberculin in children and adolescents  
in relation to *Mycobacterium bovis* infection. Cesk. epidem. 12  
no.5:262-267 S '63.

1. Ustav epidemiologie a mikrobiologie v Praze - Tuberkulozni  
oddeleni OUNZ v Litomericich.

(TUBERCULIN REACTION) (TUBERCULOSIS, BOVINE)

(TUBERCULOSIS IN CHILDHOOD) (MYCOBACTERIUM BOVIS)

VORREITH, M.; FUCHSOVA, M.; FRYC, O.

Tumors of the central nervous system in infants and children. Cesk pediat 18 no. 3:193-199 '63.

1. Patologickoanatomicke oddeleni UVN v Praze vedouci  
MUDr. M. Vorreith, CSc.  
(BRAIN NEOPLASMS)

DANES, L.; BENDA, R.; FUCHSOVA, M.

Experimental inhalation infection of monkeys of the *Macacus cynomolgus* and *Macacus rhesus* species with the virus of lymphocytic choriomeningitis (WE). Bratisl. lek. listy 43 no.2:71-79 '63.

1. Vojensky ustav hygieny, epidemiologie a mikrobiologie, Praha, Oddeleni patologické anatomie Ústřední vojenské nemocnice, Praha.

(LYMPHOCYTIC CHORIOMENINGITIS)

(LYMPHATIC SYSTEM) (PULMONARY EDEMA)

(TRACHEITIS) (BRONCHITIS)

~~VORREITH~~, M.; FUCHSOVA, M.; SOUREK, K.; FUSEK, I.; FRYC, O.

Central nervous system tumors in young men. Cas. lek. cesk. 102  
no.44:1202-1206 1 N '63.

1. Patologickoanatomicke oddeleni UVN v Praze, (nacelnik MUDr.  
M. Vorreith, CSc.); Neurochirurgicka klinika fakulty vseobecneho  
lekarstvi KU v Praze a Ustredni vojenska nemocnice, (prednosta  
prof. dr. Z. Kunc, DrSc.)

BENDA, R.; DANES, L.; FUCHSOVA, M.

Experimental inhalation infection of guinea-pigs with the virus of lymphocytic choriomeningitis. J. hyg. epidem., Praha 8 no.1: 87-99 '64.

1. Military Institute of Hygiene, Epidemiology and Microbiology, Prague, and Department of Morbid Anatomy, Central Military Hospital, Prague.

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VORREITH, M.; FUCHSOVA, M.; DEMCIK, K.; FUSEK, I.

Spinal cord tumors and tumors causing spinal cord compression.  
Cesk. neurol. 27 no.6;372-378 N '64.

1. Patologickoanatomicke oddeleni UNV v Praze, (vedouci doc.  
dr. M. Vorreith CSc.) Neurochirurgicka klinika fakulty vseobecného  
lekarství Karlovy University v Praze (prednosta prof. dr. Z. Kuna,  
I. Sc.).



LISKOVA, M.; FUCHSOVA, M.

Cystosarcoma phyllodes. Rozhl. chir. 44 no.1:45-50 Ja '65

1. Oddeleni pro chirurgii hrudni a břišní (vedoucí: doc. dr. B. Placák) a patologickoanatomické oddeleni (vedoucí: MUDr. M. Vorreith) UVN v Praze.

FUCIK, Jan; JANU, Petr.

Data on the use of organic phosphorus insecticides in a hop-growing region and public health provisions during the years 1960-1962. Prac. lek. 16 no.1:116-121 Ja'64

1. Interni oddeleni nemocnice v Rakovníku; (vedoucí : MUDr. J. Humhal) a Okresní hygienicko-epidemiologické stanice v Rakovníku (vedoucí : MUDr. V. Madla).

FUGIK, Jan, MDr.

Kidney damage from organic phosphates. Medical ex. II no. 7:  
668-672 JI '65.

1. Vnitřní oddělení nemocnice Obvodního ústavu národního zdraví  
v Rakovníku (prednosta MDr. J. Humhal).

FUCIK, Jos, MUDr; MAGROVA, Jar., MUDr

Injurious effect of digitalis on the normal heart in electro-  
cardiographic picture. Cas. lek. cask. 93 no.43:1198-1199  
22 Oct 54.

1. Ze st. okr. nemocnice v Chomutove.  
(DIGITALIS, injurious effects,  
ECG)  
(ELECTROCARDIOGRAPHY, in various diseases,  
digitalis pois.)

FUCIK, Josef, inz.; KAVKA, Bohumil, doc. dr.

Activities of the Research Institute of Ornamental  
Gardening in Pruhonice. Vest ust zemedel 12 no.1:  
41-46 '65.

1. Administration of the Scientific Research of the Ministry  
of Agriculture, Forestry and Water Resources, Prague (for  
Fucik). 2. Director of the Research Institute of Ornamental  
Gardening, Pruhonice (for Kavka).

CA

10

Bis-4-hydroxycoumarin esters. Jan Rosický. U.S. 2,402,310-11, Sept. 20, 1940. Jan Rosický and Karel Pucik. U.S. 2,402,312 (all to Společnost farmaceutické výroby, národní podnik). 4-Hydroxycoumarin (I) 7 g. in boiling H<sub>2</sub>O 750 ml. treated with OHCCO<sub>2</sub>Et 7 g. gave 3,3'-(carboxymethylene)bis(4-hydroxycoumarin) (II) as white crystals, m. 172-4° and, after recrystn. from MeOH, 163-4°. The addn. complex EtOH.OHCCO<sub>2</sub>Et also condenses with I. Refluxing 3,3'-(carboxymethylene)bis(4-hydroxycoumarin) (III) with alc. HCl 8 hrs.

gave 90% II. Other esters of III prepd. were: *Me*, m. 202-3°; *Pr*, m. 130-41°; *Bu*, m. 155°. These materials serve as anticoagulants of short duration by reducing the prothrombin level of the blood. R. E. Kent

CA

Simple device for paper chromatography. K. Fatick  
and Z. Procházka. *Chem. Listy* 44, 166(1950).—An  
Erlenmeyer flask and a test tube are used for paper chro-  
matography. The strip of paper hangs from the stopper.  
One phase is placed in the vessel, the other soaked in ad-  
sorbent cotton or filter paper and fastened to the stopper.  
M. Hudlický

CA ~~FUCHIK, K.~~ FUCIK, K.

Anticoagulant substances. VIII. Nitrogen analogs of disoumarol and pabonin. K. Fucik, Z. Procházka, V. Hach, and J. Šírl (United Pharm. Works, Prague, Czech.). *Chem. Zvesti* 43, 23-8 (1951); cf. C.A. 45, 6880c; 9720c.  $\text{CH}_2\text{O}$  with 4-hydroxycarbonyl (I) give 3,3'-methylenebis-(4-hydroxycarbonyl) (II). I and  $\text{OHCCO}_2\text{H}$  (IV) give bis(4-hydroxy-3-carboxyphenyl)acetic acid (III). IV and 3,4-dihydroxyphenylpyridine (V) yield 3,3'-methylenebis(3,4-dihydroxyphenylpyridine) (VI). Prepn. of II: 25 g. I in 700 ml. boiling  $\text{HCl}$  aq. soln. of  $\text{CH}_2\text{O}$ ; the yellowish product (21.5 g.), crysd. from  $\text{PhCH}_2\text{OH}$ , does not melt below  $400^\circ$ . The condensation may be carried out in  $\text{PhCH}_2\text{OH}$ ,  $\text{EtOH}$ , or  $\text{AcOH}$  with  $\text{CH}_2\text{O}$  or paraformaldehyde. I (17 g.) in 285 ml. boiling  $\text{HCl}$  aq. soln. of IV and boiled 7 hrs., giving 15 g. of a reddish product, m. above  $400^\circ$ ; pyridine salt, decomp. above  $400^\circ$  (from  $\text{C}_6\text{H}_5\text{N}$ ). III refluxed with excess alc. aq. soln. with  $\text{HCl}$  gave Me, Et, and Pr esters, m. above  $400^\circ$ . III and  $\text{CH}_3\text{N}_3$  in  $\text{Et}_2\text{O}$  gave a compd. m.  $240^\circ$  (from  $\text{Me}_2\text{CO}$ ), contg. 3 MeO groups. V (4 g.) in 400 ml. aq. soln.  $\text{HCl}$  boiled 1 hr. with 25 ml. 38%  $\text{CH}_2\text{O}$  gave VI. M. Hudlický



anhydrazine of I either with  $\text{SOCl}_2$  or  $\text{Ac}_2\text{O}$ . I with  $\text{Ac}_2\text{O}$  in a  $\text{C}_6\text{H}_5\text{N}$  at room temp. gave 1,1-bis(4-acetoxy-3-coumarinyl)-2-propanone (IV), m.  $188^\circ$  (from EtOH). A homolog of IV, m.  $177^\circ$  (from EtOH), was obtained when  $(\text{EtCO})_2\text{O}$  was used instead of  $\text{Ac}_2\text{O}$ . IV was transformed to III, m.  $306^\circ$ , and to the enol acetate (V) of III, m.  $268^\circ$  (from pyridine), by boiling with dil. AcOH. V was also obtained from IV by heating *in vacuo* at  $180-190^\circ$  and gave III with



cold  $\text{H}_2\text{SO}_4$ . The enol propionate of III, m.  $247-8^\circ$  (from  $\text{C}_6\text{H}_5\text{N}$ ), was obtained analogously from the propionyl analog of IV. The oxime of III, m.  $251^\circ$  (from dil.  $\text{C}_6\text{H}_5\text{N}$ ) was prepd. from III or from the di-Me deriv. of I by refluxing with  $\text{NH}_4\text{OH} \cdot \text{HCl}$  in  $\text{C}_6\text{H}_5\text{N}$ . Preps. of I: 4-Hydroxycoumarin (58 g.) dissolved in 640 ml. boiling water and boiled 30 min. with 3.6 g.  $\text{AcOH} \cdot \text{NOH}$  in 36 ml.  $\text{H}_2\text{O}$  deposited 4 g. I in crystals, m.  $246^\circ$  (from AcOH);  $\text{Et}_3\text{NH}$  salt, m.  $194^\circ$  (from EtOH). XIII. Synthesis of 1,1-bis(4-hydroxy-3-coumarinyl)-2-propanone. K. Pučík and St. Korátek. *Ibid.* 5:11-4. —1,1-Bis(4-hydroxy-3-coumarinyl)-2-propanone was synthesized by treating the salts of 4-hydroxycoumarin (I) with  $\text{Cl}_3\text{CHAc}$  (II) under various conditions and subjecting the reaction mixt. to paper chromatography. The best yields were obtained by refluxing the K salt of I in water with II. The reaction required prolonged heating or a higher temp. when carried out in EtOH. M. Hudlický

Anticoagulants. XII. Synthetic proof of the constitution of 3-(coumarino(3',4':3'',2'')-5'-methyl-4'-furyl)-4-hydroxycoumarin. Karel Pučík and Ludvík Láblík (Pharm. Biochem. Research Inst., Prague, Czech.). *Chem. Listy* 45, 490-9 (1951); cf. *Ibid.* 44, 498; C.A. 45, 10245f. —Synthetically prepd. 1,1-bis(4-hydroxy-3-coumarinyl)-2-propanone (I) treated with  $\text{C}_6\text{H}_5\text{N}$  gave the di-Me ether, m.  $164^\circ$  (from EtOH or 70% AcOH). I refluxed with  $\text{H}_2\text{SO}_4$  in AcOH yielded 77.5% 3-(coumarino(3',4':3'',2'')-5'-methyl-4'-furyl)-4-hydroxycoumarin (II), m.  $203^\circ$  [ $\text{Et}_3\text{NH}$  salt, m.  $226-7^\circ$  (from EtOH)], also obtained m.  $300^\circ$  by refluxing I with  $\text{SOCl}_2$ . II with  $\text{Ac}_2\text{O}$  gave the 4-acetate, m.  $252^\circ$  (from  $\text{Me}_2\text{CO}$ ), also obtained by refluxing I with  $\text{Ac}_2\text{O}$ . 6-Acetylcoumarin(3',4':3'',2'')-5'-methyl-4'-pyran (III), m.  $305^\circ$  (from cyclohexanone), was isolated as a by-product in the

FUCIK, K.; KORISTEK, S.; JANCIK, F.; KAKAC, B.

Ant.coagulants. Part 15. Substitution of free hydrogen of the 4-hydroxy-coumarin and its derivatives [in German with summary in Russian]. Sbor. Chekh.khim.rab. 18 no.5:694-709 0 '53. (MLRA 7:6)

1. Nauchno-issledovatel'skiy institut farmatsii i biokhimii, Praga.  
(Coumarin) (Hydroxy compounds)

FUCK, R.

Adsorption and partition chromatography of lobeline, lobelanine, and lobelanidine on filter paper. K. Fucik and R. Těš (Farm. biochem. výzkumný ústav, Praha, Czech.). *Chem. Listy* 47, 1927-9 (1953).—For adsorption chromatography (A), the filter paper was pread. with  $\text{Al}(\text{OH})_3$  activated with  $\text{Ca}^{++}$  and  $\text{Ca}^{++}$  with 5%  $\text{MeOH}$  was used as mobile phase. For partition chromatography (B) the stationary phase was  $\text{Al}(\text{OH})_3$ , the mobile phase  $\text{C}_6\text{H}_6\text{-CHCl}_3$  (1:1). For the detection,  $\text{Et}$  bis(2-chloro-2,4-dioxo-3-chroman)acetate and Dragendorff's reagent in A and B methods, resp., were used.  $R_f$  values in A and B methods were for lobeline, 0.78, 0.43; for lobelanine, 0.83, 0.77; and for lobelanidine, 0.28 and 0.22. M. Hudlický

~~ABEL, FUCIK~~  
FUCIK, Karel

✓ Concentration of penicillin. Karel Fucik. Czech.  
83,297, Mar. 18, 1935. Penicillin is isolated from exts. of  
nutritive media by pptn. with alkylamines, cyclic amines, or  
alkaloid bases. The medium sepd. from the fungus by  
filtration is acidified with 10%  $H_2PO_4$  to pH 2.2, cooked to  
2", and extd. with  $Et_2O$ . The ext. is dried and pptd. with  
an  $Et_2O$  soln. of  $Et_4NH$ . The ppt. is collected by filtration  
and dried *in vacuo*.  
L. J. Urbánek





FUČÍK KAREL

✓Coumarin derivatives. Jan Rosický and Karel Fučík. Czech. 84,516, July 1, 1956. By condensing benzotetronic acid (I) with alcoholates of aliphatic esters of  $\text{OHCCO}_2\text{H}$  (II) products showing anticoagulant activity are obtained. I (7 g.) in 750 ml. boiling water treated with 10.5 g.  $\text{EtOCH(OH)CO}_2\text{Et}$ , the white pptd. intermediate product, m. 172-4° filtered off, extd. with  $\text{NaHCO}_3$  soln., the ext. treated with C. pptd. with  $\text{HCl}$ , and the ppt. recrystd. from  $\text{MeOH}$  yields the tautomeric form of the Et ester of bis(4-hydroxycoumarin-3-yl)acetic acid, m. 153-4°. Czech. 84,517. Condensation of benzotetronic acid (I) with aliphatic esters of  $\text{OHCCO}_2\text{H}$  (II) gives compds. with anticoagulant activity. I (7 g.) in 750 ml. boiling water treated with 7 g.  $\text{OHCCO}_2\text{Et}$  produces a white ppt. of the Et ester, m. 153-4° (from  $\text{MeOH}$ ), of bis(4-hydroxycoumarin-3-yl)acetic acid (III). Similarly, from 6.48 g. I and  $\text{OHCCO}_2\text{R}$  are obtained the following *R* esters of III (*R*, wt. (g.)  $\text{OHCCO}_2\text{R}$  used, and m.p. of product given): *Me*, 2, 203°; *Pr*, 2.6, 143-4°; *iso-Pr*, 2.6, 201°; *Bu*, 2.9, 154-5°; *iso-Bu*, 2.9, 174°. *Allyl* ester of III, from 32.4 g. I with 11.5  $\text{OHCCO}_2\text{CH}_2\text{CH}=\text{CH}_2$ , m. 132°. Cf. Czech. 84,515 (C.A. 50, 7146e).

L. J. Ucháč

FUCIK KAREL

3

CH<sub>3</sub> ✓ All mercaptosuccinates. Karel Fucik and Jaroslav Sarhan.  
Czech. 84,597, Sept. 1, 1955. (RO)<sub>2</sub>CHCH<sub>2</sub>SR are prepd.  
in 90-8% yields by treating (RO)<sub>2</sub>CHCH<sub>2</sub>X (X = halogen  
with R'SNa, preferably in alc. soln. at 98-100°. (EtO)<sub>2</sub>-  
CHCH<sub>2</sub>SMs, b. 101°. L. J. Urbánek

(2)

18/2/59



3

Anhydro 3,3'-bis(4-hydroxyphenyl)propane 2

Fučík, Karel

Biologically active coumarin derivatives. Karel Fučík.  
Czech. 84,849, Oct. 2, 1955. See Austrian 172,038 (C.A.  
87, 11259c. Czech. 84,852. Condensation of 4-hydroxy-  
coumarin (1) with asym. dihaloacetones yields compds.  
showing anticoagulant activity. A suspension of 6.43 g. 1  
in water neutralized with KOH and refluxed 5 hrs. with  
an equiv. amt. of  $\text{Cl}_2\text{CHAc}$  or  $\text{BrCH}_2\text{Ac}$  yielded 6.31 g.  
cryst. 4,1-bis(4-hydroxy-3-coumarinyl)acetone, m. 246°.  
Cf. C.A. 48, 737i. L. J. Urbánek

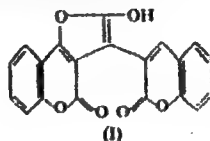
Fučík, Karel

✓ Substituted ketones. Karel Fučík and Stanislav Kofí-  
 steck. Czech. 84,851, Oct. 2, 1968. Treating 4-hydroxy-  
 coumarin or its deriva. with  $\text{SO}_2\text{Cl}_2$  or  $\text{Cl}$  gives derivs. of  
 2,4-dioxochromans which yield on hydrolysis ketones show-  
 ing pharmaceut. activity. 3,4-Dichloro-2,4-dioxochroman,  
 prepd. by treating 4-hydroxycoumarin with  $\text{SO}_2\text{Cl}_2$ , was  
 stirred with water to yield  $\alpha\text{-HOC}_6\text{H}_4\text{COCHCl}_2$ , b.p. 145°.  
 Prepd. similarly were:  $\alpha\text{-HOC}_6\text{H}_4\text{COCHCl}_2$ , b.p. 116°;  
 $\alpha\text{-HOC}_6\text{H}_4\text{COCHClPh}$ , m. 61°, b.p. 109°;  $\text{CH}_3(\text{CHCl}-$   
 $\text{COC}_6\text{H}_4\text{OH-o})$ , m. 132°. L. J. Urbánek

2/  
 Chuv  
 M  
 2/1

Fučík, Karel

✓ Coumarin derivative. Karel Fučík and Zdeněk Procházka. *Chem. Abstr.* 55,351, Dec. 1, 1966. Treatment of bis(4-hydroxy-3-coumarinyl)acetic acid with dehydrating agents (e.g.  $\text{POCl}_3$  or  $\text{SOCl}_2$ ) preferably in  $\text{CCl}_4$  yields a chloride which on cleavage of  $\text{HCl}$  gives 1.



L. J. Urbánek

FUCIK, KAREL

3  
2  
✓ Esters of bis(4-hydroxycoumarin-3-yl)acetic acid. Karel  
Fucik and Zdeněk Procházka, Czech. 85,301, Dec. 1,  
1966. Treatment of the anhydrazide product of bis(4-  
hydroxycoumarin-3-yl)acetic acid (cf. Czech. 85,251) with  
compds. contg. 1 or more HO groups yields esters which are  
anti-coagulants for blood (ester radical and m.p.): Me, 203-  
6°; Et, 176°; Pr, 143-4°; Bu, 134-5°; n-hexyl, 121-2°;  
n-octyl, 124-5°; n-decyl, 108-9°; ethylene, 122-7°; propyl-  
ene, 183°; benzyl, 185-6°;  $C_6H_5CH_2$ , m. 194°.  
L. J. Urbánek

RM

FUCIK, Karel; UHLIROVA, Helena

Control of purity of 1-methyl-4-phenylisonipescotic acid ethyl ester hydrochloride with the aid of paper partition chromatography.  
Cesk. farm. 4 no.1:8-9 Jan 55

1. Z Vyzkumneho ustavu pro farmacii a biochemii, Praha.

(PIPERIDINES, determination

1-methyl-4-phenylisonipescotic acid ethyl ester HCl,  
chromatographic control of purity)

(CHROMATOGRAPHY,

of 1-methyl-4-phenylisonipescotic acid ethyl ester HCl  
control of purity)



FUCIK, Von K.

Czechoslovakia

" Beitrag zur Kontrolle der Reinheit des N-Methyl-4-phenylpiperidin-4-cargon-saureathylesterhydrochlorids (Dolantin) mit Hilfe der Papierchromatographie, " by Von K. FUCIK und H.UHLIROVA, Ceskoslov. Farmac. 4,8 (1955).

SOURCE: Pharmazeutische Zentralhalle (fur Deutschland), May 1956, Unclassified.



Fuclik, K

md

Coumarin derivatives with anticoagulant activity. Karel  
Fuclik and Miroslav Hotal, Czech 25,581 Apr 16, 1981.  
A suspension of 31.0 g (3.0 mmole) of 4-hydroxy-  
coumarin in dry  $\text{HCO}_2\text{Me}$  (100 ml) is stirred for 2 hr  
at room temp. to give a solution of 3.0 mmole of  
3-chloro-4-hydroxy-3-coumarin in 100 ml of  $\text{HCO}_2\text{Me}$ .

EUCIK, KAREL

Esters of 3-chloro-4-hydroxy-3-coumarinylacetic acid.  
Karel Buřík. Czech. 65,585, Apr. 16, 1956. Treating a  
suspension of 11 g lactone of  $\alpha$ -hydroxy-3-coumarinyl-*g*-  
allylpropionic acid in  $\text{HCO}_2\text{Me}$  with 3.5 g. Na wire at  
0-5° gives the *Ester* of the title compd., m 177°. Similarly  
are prepd. Me, Et, Pr, iso-Pr, Bu, and iso-Bu esters  
L. J. Urbanek

FUCIK, Karel

*Chem* 3,5-Di-*tert*-butyl-4-alkylpyrazolidines. Karel Fučík and Stanislav Kolář, Czech. 85,634, June 18, 1973. To a mixt. of 160 g. Et malonate, 137 g. DiBr, 181 g. PhNHNHPh, and 0.5 g. NaI is added during 3 hrs. under stirring and heating to 70° a soln. of EtO<sup>+</sup>Ca (from 40 g Na). EtOH distd., and the residue dissolved in H<sub>2</sub>O and acidified to pH 3 to ppt. 3,5-di-*tert*-butyl-4-butylpyrazolidine, m. 104-6°. L. J. Urbánek

FUCK, KAREL

2-Coumarin derivatives with anticoagulant activity. Karel  
Fucík and Miloš Holický. Czech. 85,654. June 15, 1975.  
Addn. of 10.3 g. Na wire to a suspension of 35 g. 3-(2-  
salicylyl-1-methylethyl)-4-hydroxycoumarin at 0-5° gives  
1-(3-chromanoyl)-1-(4-hydroxy-3-coumarinyl)ethane, m. 179.5°. *Chen*  
Similarly is obtained 1-(3-chromanoyl)-1-(4-hydroxy-3-couma-  
rinyl)propane, m. 148°, from 3-(2-salicylyl-1-ethylethyl)-  
4-hydroxycoumarin and 1-(3-chromanoyl)-1-(4-hydroxy-3-  
coumarinyl)butane, m. 150°. L. J. Uchack

Fucik, K.

Coumarin derivatives with anticoagulant activity. Karel  
Fucik and Miloslav Hofický, Czech. 83,734, Aug. 18, 1956. *cfu*

1-Alkoxy-2-(4-hydroxy-3-coumarinyl)-3-salicylpropenes  
cyclize on treatment with Na in  $\text{HCO}_2\text{Me}$  to 1-(3-chromo-  
nyl)-1-(4-hydroxy-3-coumarinyl)-2-alkoxyethanes. 1-Methi-  
noxy-2-(4-hydroxy-3-coumarinyl)-3-salicylpropene (36.1 g.)  
suspended in  $\text{HCO}_2\text{Me}$  yields with 10.3 g. Na at 0-5°  
21.05 g. 1-(3-chromonyl)-1-(4-hydroxy-3-coumarinyl)-2-  
methoxyethane, m. 144°. L. J. Urbánek

FUČIK, KAREL

Distr: 4E3d

✓ 3,3'-Ethylidenbis(4-hydroxycoumarin). Karel Fučík,  
 Czech. ES, VII, Sept. 16, 1966. Depolymerizing the aldehyde-trimer with the condensation component 4-hydroxycoumarin (I) under simultaneous condensation of the resulting aldehyde-monomer with the depolymerization component gives emulsions with high anticoagulant activity in high yields. Dissolving 16.2 g. I in 100 ml. hot 50% EtOH, adding 4.4 g. paraaldehyde in the course of 30 min. and refluxing the mixt. 2 hrs. gave cryst. 3,3'-ethylidenbis(4-hydroxycoumarin) (II), which was sepd. while hot in 175°. Adding to the mother liquor an aprot. 16.2 g. I and repeating the procedure gave 60.5% II.

RM



FUCIK, M.

Relation of Pavlov's theory to internal medicine. Cas. lek. cesk.  
89 no.51:1437-1440. 21 Dec 50. (CJML 20:4)

1. Of the Fourth Internal Clinic of Prof. Prusik.



FUCIK, M.

Respectives of research in the field of peptic ulcer. Sborn.  
pathofysiol. trav. vyz. 6 no. 1-2:29-30 July 1952. (CLML 22:4)

1. Assistant at the Fourth Internal Clinic (Head--Prof. B. Prusik,  
M. D.) of Charles University in Prague.

FUCIK, M.

Pavlovian concept in examination and therapy of gastrointestinal diseases. Sborn. pathofysiol. trav. vyz. 6 no. 4-6:237-245 Dec 1952. (CIML 24:1)

1. Assistant at the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.), Prague.

FUCIK, M.; GREGOR, O.; SOUKUPOVA, K.

Prothrombin level in peptic ulcer. Sborn. pathofysiol. trav. vys.  
6 no. 4-6:283-286 Dec 1952. (CIAM 24:1)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.) of  
Charles University, Prague.

FUCIK, M.

~~Personal experiences in the sleep therapy of ulcer disease.~~ Prakt. lek.,  
Praha 33 no.11:239-241 5 June 1953. (CJML 25:1)

1. Of the Fourth Internal Clinic of Charles University.

FUCIK, Mojmir

FUCIK, Mojmir, Doc. Dr

Sleep therapy of peptic ulcer. Sborn. pathofysiol. trav. vyz.  
8 no.2:106-110 My '54.

1. Ze IV. interni kliniky. Prednosta prof. Dr B.Prusik.  
(PEPTIC ULCER, therapy,  
\*sleep ther.)  
(SLEEP, therapeutic use,  
\*peptic ulcer)

FUCIK, M., Doc. Dr.; SKORPEA, J., As., Dr.

Difficulties in diagnosis of cancer of the pancreas. Cas. lek.  
cesk. 94 no.1-2:19-22 7 Jan 55.

1. Ze IV. interni kliniky prof. Dr. B. Prusika  
(PANCREAS, neoplasms  
diag. difficulties)

FUCIK, Mojmir; CERNIAK, Ladislav; JABLONSKA, Marketa, Technicka snoluprace:  
~~Vnčláv~~ Richter a Jaromira Polanaecka.

Leukocytic reaction during investigation with the Bykow-Kurcin tube.  
Sborn. lek. 60 no.2:60-67 Feb 58.

1. IV. Interni klinika fakulty vseobecneho lekarstvi university Karlovy  
v Praze, prednosta prof. Dr. Bohumil Prusik. M. F., IV. interni klinika,  
U nemocnice 2, Praha 2.

(LEUKOCYTE COUNT, physiology

eff. of gastric intubation (Cz))

(STOMACH, physiology

eff. of gastric intubation on leukocyte count (Cz))

~~FUCIK, Mojmir~~-GERMAK, Ladislava; JABLONSKA, Marketa, Technicka spoluprace:  
Vaclav Richter a Jaromira Polansacka.

The influence of intercaline on the leukocyte reaction during investigation with the Bykow-Kurcin tube. Sborn. lek. 60 no.2:68-72 Feb 58.

IV. interni klinika fakulty vseobecneho lekarstvi university Karlovy v Praze, prednosta prof. Dr Bohumil Prusik. Doc. Dr M. F. IV interni klinika, U nemocnice 2, Praha 2.

(LEUKOCYTE COUNT, physiology

eff. of gastric intubation & influence of tetracaine admin. (Cz))

(STOMACH, physiology

eff. of gastric intubation on leukocyte count, influence of tetracaine admin. (Cz))

(ANESTHETICS, LOCAL, effects.

tetracaine on leukocyte count reaction to gastric intubation (Cz))



FUCIK, M.; CERVENY, O.

Leukemia & gastric secretion. I. Cas. lek. cesk. 97 no.40:1259-1264  
3 Oct 58.

1. IV. interni klinika KU v. Praze, prednosta prof. Dr. B. Prustik.  
(LEUKEMIA, LYMPHATIC, compl.  
histamine-resist. achylia (Pol))  
(LEUKEMIA, MYELOCYTIC, compl.  
same)  
(GASTRIC JUICE  
histamine-resist. achylia in lymphatic & myelocytic leukemia  
(Pol))  
(HISTAMINE, eff.  
same)

CERVENY, O.; FUCIK, M.; ROMSKY, R.; SKAIA, I.

Leukemia & gastric secretion. II. Blood pepsinogen level & uropepsin excretion in leukemia. Cas. lek. cesk. 97 no.43:1354-1357 24 Oct 58.

(LEUKEMIA, metab.

blood pepsinogen & urinary uropepsin (Cz))

(PEPSINOGEN, in blood  
in leukemia (Cz))

(UROPEPSIN, in urine  
same)

EXCERPTA MEDICA Sec 6 Vol 13/11 Internal Med. Nov 59

6400. VALUE OF PEPSIN ACTIVITY DETERMINATIONS FOR THE DIAGNOSIS OF PEPTIC ULCERATION - Význam určování peptinové aktivity pro stanovení diagnózy vředové nemoci - Fučík M., Roháček R. and Skála I. Intern. Klin., Fak. Všeobecného Lék., Univ. Karlova, Praha - SHORN. LÉK. 1959, 61/1 (1-5) Graphs 2

In 50 patients with duodenal ulcer evidence was found of a statistically significant rise of acidity, an increased volume of secretion and higher pepsin activity as compared with a control group. The average values in 31 patients with gastric ulcer did not differ significantly from controls. The average values of serum pepsinogen, estimated by the polarographic method described by Janoušek, in 45 patients with duodenal ulcer were markedly elevated as compared with the controls ( $t = 5.3$ ;  $p < 0.001$ ). The difference between the average amounts of excreted uropepsin in the controls and the duodenal ulcer patients was also statistically significant ( $t = 5.2$ ;  $p < 0.001$ ). No significant difference between serum and urine pepsin activities in patients with gastric ulcer and in controls was found. The diagnostic significance of pepsin activity in peptic ulcers is discussed, and it is stated that it is useful to investigate the basal secretion and to assess the amount of juice secreted. (11, 6, 9)

FUCIK, M.; PRAZAK, J.

Severe hemorrhage from duodenal ulcer. Cas.lek.cesk. 98 no.49/50:  
1532-1537 4 D '59.

1. IV. interni klinika fakulty vseobecneho lekarstvi v Praze,  
prednosta prof.dr. Mojmir Fucik.  
(PEPTIC ULCER HEMORRHAGE)

FUCIK, MOJMIK

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Brno, Vnitřní Lekarství, Vol VII, No 8, August 1961,  
Sources: pp 849-855

Data: "Obesity and the Digestive System"

Authors:

FUCIK, Mojmir, Prof MUDr, Chief (Prednosta), Internal Clinic IV of  
Charles University (IV. vnitřní klinika KU);  
HERFORT, Karol, Prof MUDr, Chief (Prednosta), Internal Department  
of the Faculty Polyclinic (Vnitřní oddelení fakultní polikliniky)  
JABLONSKA, M, MUDr, [affiliation not given]

122

FUCIK, M. (Prof, MD)

SOURNOVA, Kveta

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Fourth Internal Clinic of the Faculty of General Medicine, KU  
/Karlova Universita/ (IV. interni klinika fakulty vseobecneho  
lekarstvi KU), Prague; Director: Prof M. FUCIK, MD.

Source: Prague, Prakticky Lekar, Vol 41, No 14, 1961, pp 641-642.

Data: "Relationship Between Fats in Food and Human Atherosclerosis."

200  
GPO 981643

FUGIK, M.

70th anniversary of Prof. Bohumil Prusik. Cas.lek.cesk 100 no.22:66  
2 Je '61.

(BIOGRAPHIES)

FUCIK, M.; KRYSPIN, J.; SLABY, A.

Changes in electrical conductivity of the skin in gastrointestinal diseases with dermal pain projection. Cas.lek.cesk 100 no.22:667-670  
2 Je '61.

1. IV. interni klinika KU v Praze, prednosta prof. dr. M. Fucik,  
Laborator plasticke chirurgie CSAV, prednosta akademik F. Burian.

(GASTROENTEROLOGY physiol) (SKIN physiol)



FUCIK, Mojmir; KOHOUT, Jiri; JABLONSKA, M.

Treatment of peptic ulcer with ataraxics. Cas.lek.cesk 100 no.22:  
689-692 2 Je '61.

1. IV. interni klinika KU v Praze, prednosta prof. MUDr. M. Fucik.

(PEPTIC ULCER ther) (TRANQUILIZING AGENTS ther)

FUCIK, M.; BAZIKA, V.; NOVAK, S.; PRAZAK, J.; SKOREPA, J.

On the problem of bleeding from gastrointestinal diverticula. Cas.  
lek.cesk 100 no.22:692-695 2 Je '61.

1. IV. vnitřní klinika KU v Praze, přednosta prof. MUDr. Mojmir Fucik.

(HEMORRHAGE GASTROINTESTINAL etiol)  
(DIVERTICULOSIS compl)

FUCIK, M.; JABLONSKA, M.

Contribution to the problem of cardiovascular reactions during the examination with Bykov-Kurtsin sound. Cas.lek.cesk 100 no.29/30: 900-905 14 J1 '61.

1. IV. interni klinika KU v Praze, prednosta prof. MUDr. Mojmir Fucik.

(CATHETERIZATION) (GASTROINTESTINAL SYSTEM physiol)  
(VASOMOTOR SYSTEM physiol)

FUCIK, M.; BOLKOVA, technicka spoluprace RICHTER, V.

Proteins and amino acids in human gastric juice. Acta univ. carol  
[med.] Suppl. 14:125-136 '61.

1. IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy  
v Praze, prednosta prof. dr. M. Fucik.  
(GASTRIC JUICE chem) (PROTEINS chem)  
(AMINO ACIDS chem)

FUCIK, M.; KOJECKY, Z.; JABLONSKA, M.; PRAZAK, J.

Modern diagnosis in gastroenterology. Cas.lek.cesk 101 no.2:8-12  
5 Ja '62.

1. IV interni klinika KU v Praze, prednosta prof. MUDr. M. Fucik.

(GASTROENTEROLOGY diag)

BOLKOVA, A.; FUCIK, M.; RONSKY, R.; Technicka spoluprace: SLAISOVA, X.

Evaluation of the McDonald method of determining serum lipase activity. Cas. lek. cesk. 103 no.32:889-890 Ag 7 '64.

1. Vedeckovyzkumne pracoviste gastroenterologicke a IV interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. M. Fucik).

Physiology

CZECHOSLOVAKIA UDC 616.33-002.44-092.9:615.361.43(612.015.36)-092.  
22

KORBOVA, L.; POKORNY, Z.; KOHOUT, J.; PROCHAZKOVA, M.; Institute of Pathological Physiology, Fac. of Gen. Medicine, Charles Univ. (Ustav Patologicky Fyziologie Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof. Dr. T. TRAVNICEK, 4th Internal Clinic, Fac. of Gen. Med. Charles University (IV. Int. Klinika Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof. Dr. M. FUCIK.

"Effect of Superanabolon R Spofa (Nandrolonphenylpropionate) on the Development of Experimental Gastric Lesions."

Prague, Časopis Lekarů Českých, Vol 105, No 49-50, 9 Dec 66, pp 1349 - 1352

Abstract /Authors' English summary modified/: Administration of 0.5, 5, 25, and 50 mg/kg of body weight of rats was investigated. In animals that received superanabolon 24 hours before or on the day of the experiment, reduction of the size of the gastric lesion was observed. Only in the doses equal to or exceeding 25 mg was there an adverse effect and the lesion was affected adversely. When the administration was made for 6 consecutive days, a dose of 5 mg/kg/day had an adverse effect. 2 Figures, 1 Table, 1/1 8 Western, 8 Czech, 1 Russian reference.

POL/50-55

25(5)

AUTHORS:

Fučik, Przemysl, Juffy, Edward, A.

TITLE:

Czechoslovakian Welding Equipment

PERIODICAL:

Przegląd Spawalnictwa, 1959, Nr 9, pp 253 - 260 (POL)

ABSTRACT:

The article describes briefly Czech welding equipment exhibited in May 1959 in the Warsaw Technical College (Photographs 1 and 2). In the introduction, outstanding products for export or domestic use, e.g. 12,000-t hydraulic forge presses, 62.5 Mw hydrogen cooled turbo-generators, 2,600 kw electric locomotives with 140 km/h top speed, 1,000 m<sup>3</sup>/h excavators, 130 atm - 500°C steam boilers and turbines, 12 m diameter horizontal lathes and 230 m<sup>3</sup>/h dredges are mentioned. In Table 1, export figures of passenger automobiles, trucks, tractors, motorcycles, bicycles and machine tools for 1948, 1957 and 1958 are given. They were announced at a press conference held in the Czech Embassy on May 25, 1959. Technical data of welding transformers exhibited are given in Table 2. The detachable control casing of the "Triodyn K-320" rotary welding converter (Photograph 3) permits current remote control. The "SUM-1000" welding machine (Photograph 4) weighs only 43 kg. An "RSK 300" for welding of steam boiler jets is shown in

Czechoslovakian Welding Equipment

POL/36-59-9-7/11

Photograph 5, a finished weld and the cross section of one subjected to a tensile test in Photographs 6 and 7. A small welding machine especially suited for corner joints is shown in Photograph 8. The chemical composition of filler rod used for welding with flux is given in Table 3 and that of the "Z41" type flux, used in about 90% of all cases in Table 4. The prototype of an electroslag welding machine is shown in Photograph 9. "TAK-1" and "TAK-3" type machines for welding wires are shown in Photographs 10 - 13 and their technical data are given in Table 5. A "TAU-40" type spot welding machine is shown in Photograph 14 and technical data of this and the "TAU-80" type are given in Table 6. Instead of the usual hydraulic system, the torque of two electric motors controlled by a selenium cell is used to compress the sheets up to 1.5 mm is shown in Photograph 15. A "VUS-250" type contact welding machine is shown in Photograph 16 and examples of work performed by it in Photographs 17 and 18. The "RS 1" type universal oxygen

Card 2/3



Czechoslovakian Welding Equipment

POL/36-59-9-7/11

cutting machine and the "TKS 180" type rail cutting machine are shown in Photographs 19 and 20. The functional principle of a 6-piece set designed for various cuts on steel pipes is shown in Graph 21. A "RS 32" type copying cutting machine with magnetic guidance is shown in Photograph 22.

There are: 21 photographs, 1 set of diagrams and 6 tables.

Card 3/3

FUCIKOVA, A; VAREKA, J.

Earlier fishing methods in the Roudnice region. p. 197.

CESKY LID, (Ceskoslovenska akademie ved. Ustav pro etnografii a folkloristiku)  
Praha, Czechoslovakia

Vol. 46, no. 5, 1959

Monthly list of East European Accessions (EEAI) LC. Col. 9, No. 1. January 1960  
Encl.

POLAND

FUCIK, Zbigniew, Lek wet., PZLZ [Powiatowy Zakład Leczenia Zwierząt, Powiat Animal Hospital] in Porabka

"Complications Following Caesarian Section in a Cow."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 3, Mar 63, p 164.

Abstract: Author describes in detail his successful treatment of a caesarian section in a cow, where upon the cow's return to its owner, the incision re-opened and the intestines and part of the rumen came out. There are no references.

1/1

FUCIK, V.; CIHAK, A.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820016-5"

Reversion of the antimetabolite effect of N-formylbiuret by ureidosuccinic acid and uracil in *Allium cepa* L.  
*Biologia plantarum* 6 no. 2:117-121 '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague 6, Na cvicisti 2.

FUCIK, V.; KARA, J.

Enzymatic synthesis of 5-bromo-2'-deoxyuridine-2-<sup>14</sup>C and of 5-iodo-2'-deoxyuridine-2-<sup>14</sup>C and their incorporation into deoxyribonucleic acid (*Allium cepa*). *Biologia plantarum* 6 no. 3:232-235 '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague 6 - Dejvice, Na cvicisti 2 (for Fucik). 2. Institute of Experimental Biology and Genetics, Prague 6 - Dejvice, Na cvicisti 2 (for Kara).

FUCIK, V.; SORMOVA, Z.; SORM, F.

The effect of 5-azacytidine on the root meristem of *Ficia faba*. *Biologia plantarum* 7 no.1:58-64 '65.

1. Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences, Prague 6-Dejvice, Flemingovo nam. 2. Submitted July 8, 1964.

CZECHOSLOVAKIA

RASKA, Jr. K; JUROVCIK, M; FUCIK, V; TYKVA, R; SORMOVA, Z; SORM, P.

Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Sciences, Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications,  
No 7, July 1966, pp 2809-2815

"Metabolic effects of 5-azacytidine in isolated nuclei  
of calf-thymus cells."

ABRUDAN, V., ing.; CIOBANU, M., ing.; PETRESCU, Gh., ing.; VILVOI, V.; IONESCU, C., ing.; KESTENBAUM, S.; FORRAI, St., ing.; FUCIU, ~~Martian~~; NILA, Vasile, ing.; AROMINESEI, Alexandru; MORARU, Nicolae, ing.; BOGHICI, A.; SIMIONESCU, M.

Reduction of specific consumptions of metal. Probleme econ 17 no.12:137-141 D '64.

1. Technical Director, Arad Plant of Railroad Cars (for Abrudan). 2. Chief Technologist, Arad Plant of Railroad Cars (for Ciobanu). 3. Technical Director, "1 Mai" Plant, Ploiesti (for Petrescu). 4. Chief Planning Engineer, "1 Mai" Plant, Ploiesti (for Vilvoi). 5. Director, "Infratirea" Machine Tool Plant, Oradea (for Ionescu). 6. Assistant Chief Engineer, "Infratirea" Machine Tool Plant, Oradea (for Kestenbaum). 7. Chief Technologist, "Infratirea" Machine Tool Plant, Oradea (for Forrai). 8. Director, Arad Plant of Lathes (for Fuciu). 9. Chief Technologist, Arad Plant of Lathes (for Nila). 10. Chief Engineer, Arad Plant of Lathes (for Arominesei). 11. Technical Director, "Independenta" Plant, Sibiu (for Moraru). 12. Director, Sinaia Mechanical Plant (for Boghici). 13. Chief Engineer, Sinaia Mechanical Plant (for Simionescu).

FUCK, Jeno

We are creating such an atmosphere in which backwardness will have neither justification nor opportunity. Ujit lap 13 no.24:7-8 D '61.

1. Magyar Szocialista Munkaspart Politikai Bizottsaganak tagja es Minisztertanacs elnokehelyettese, Budapest.



FUCKAN, M.

FUCKAN, M.

Reconatruction of the Karlovac-Slunj highway. p.211.

Vol. 3, No. 6, June 1955 CESTE I MOSTOVI Zagreb, Yugoslavia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol.5, No.3  
March, 1956

FUCKAN, M.

FUCKAN, M. Zagreb-Bregana Turnpike, p. 411.

Vol. 3, no. 11, Nov. 1955  
CESTI I MOSTOVI  
Zagreb, Yugoslavia

So: Eastern European Accession Vol. 5 No. 4 April 1956

FUCKAN, M.

FUCKAN, M. Foreigners about our roads. p. 477

Vol. 3, no. 12, Dec. 1955

CESTE I MOSTOVI

TECHNOLOGY

Zagreb, Yugoslavia

So: East European Accessions, Vol. 5, No. 5, May 1956

FUCKAN, M.

Passing over rising inclines. p. 206

CESTE I MOSTOVI, Zagreb, Vol 4, No. 6, June, 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

FUCKAN, M.

Reconstruction of the road from Rijeka to Pula. p. 52.  
(Ceste I Mostovi. Vol. 5, no. 2, Feb. 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) <sup>6</sup>LS, Vol. 6, no. 7, July 1957, Uncl.

FUCKAN, M,

The Karlovac-Split rout at the crossing of the Pitivce Lakes, p. 176.  
(Ceste i mostovi, Vol. 5, No. 5, May 1957, Zagreb, Yugslovia)

SO: Monthly List of East European Accessions (EMAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

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How to use leveling rods on curves. p. 257.

(CESTE I MOSTOVI. Vol. 5, No. 7, July 1957, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (EFAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

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Diagnostic value of the VDS test (vaccino diffondente Salvioli) in tuberculosis in children. *Pediat. pol.* 36 no.5:485-504 '61.

1. Z II Kliniki Pediatricznej PAM w Szczecinie Kierownik Kliniki:  
prof. dr. med. B. Gornicki.  
(TUBERCULOSIS diag)



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1. Z II Kliniki Pediatricznej Pomorskiej Akademii Medycznej  
Kierownik: prof. dr med. Boleslaw Gornicki.  
(TUBERCULOSIS IN CHILDHOOD)  
(TUBERCULOSIS, PULMONARY)  
(LUNG DISEASES) (BRONCHITIS)

POLAND/General and Special Zoology. Insects.  
Morphology.

P

Ref Zhur-Biol., No 20, 1958, 92052

Author : Fudalewicz-Niemczyk, Wladyslawa  
Inst : -  
Title : The Innervation and Sense Organs in the  
Wings of the Grasshopper *Locusta cantans*  
Fussl.

Orig Pub : Polskie pismo entomol., 1955 (1956), 25,  
No 1, 127-160

Abstract : The abundance of nerve endings in the fore-  
wing (FW) and a smaller number of them in  
the hindwings (HW) depends upon the degree  
of sclerotization which is much higher in  
the FW than in the HW. The weak development

Card : 1/3

POLAND/General and Special Zoology. Insects.  
Morphology.

P

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92052

of the costal nerve (N) in the HW is compen-  
sated by a strong development of the subco-  
stal N. A separate medial N is absent in  
both wings. The medial vein and its branches  
are innervated by the transverse medial N's  
which branch off the radial N in the FW and  
from the sectorial in the HW. The sharp va-  
riation in the cubital N is related to the  
vibrating area and the absence of this N in  
the HW.

There is a stridulating N in the FW and also  
one or two anal N. The right and the left  
wings are different as regards the innerva-

Card : 2/3

POLAND/Chemical Technology - Chemical Products and Their  
Applications - Food Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37967

Author : Fudalij, T.

Inst :

Title : Fundamentals of Chemical Purification Process in Milk  
Industry. Washing Agents.

Orig Pub : Przeg. Mleczarski, 1956, No 12, 15-16.

Abstract : Presented are general properties of substances used for  
cleaning of equipment and apparatus in the milk industry.  
These substances are: caustic soda, silicates, Na-phos-  
phate, Na-pyrophosphate etc.

Card 1/1

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Applications. Fats and Oils. Waxes. Soaps and  
Detergents. Flotation Agents.

II

Abs Jour: Ref Zhur-Khin., No 8, 1959, 29139.

Author : Fudalij, T.

Inst :

Title : Margarine

Orig Pub: Przeglad Mleczarski, 5, No 8-9, 39-40 (1957)  
(in Polish)

Abstract: A review article.

Card : 1/1

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Gathering food and building nests by termites (Isoptera).  
Wazechswiat no.5:118-125 My '62.